

71-9168

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MEMORANDUM FOR: The Files
FROM: Richard H. Odegaarden, FCTC, NMSS
SUBJECT: SUMMARY OF MEETING CONCERNING MODEL NO. CNS
8-120B CASK

Attendees

Chem-Nuclear Systems, Inc

NRC

Kevin Kingsley
Robert Anderson
Bill Allan

Dick Odegaarden
Henry Lee

Introduction

A meeting was held at Silver Spring, Maryland, on September 10, 1985, to discuss replacing primary lid bolts with ratchet binders.

Discussion

Chem-Nuclear Systems, Inc. proposes to replace 20, 2-inch diameter primary lid bolts with 12, 1-3/4-inch diameter ratchet binders. The applicant performed a series of calculations which maximize the "g" values and the amount of deformation for top, side, and oblique corner 30-foot drop tests.

The calculations and assumptions as summarized appeared to be correctly done.

The torquing of the ratchet binders and other possible damage modes to the binders may not have been fully addressed. The use of ratchet binders to secure a pressure vessel cover is not addressed in any pressure vessel code and raises questions concerning the use of ratchet binders in this case.

The applicant stated an application concerning the subject amendment has been submitted. The application will be reviewed in a timely manner.

Original Signed by
R. H. Odegaarden

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Richard H. Odegaarden, Project Manager
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety, NMSS

OFFICE	FCTC	FCTC	FCTC			
SURNAM	RHOdegaarden:alm	CEMacDonald	H W Lee			
DATE	09/10/85	09/11/85	09/11/85			